

CLAIMS

1. Shielding cage (8) determined by a plurality of walls (9) and comprising one or more mounting tails (13;17;30) for mounting said shielding cage (8) to a circuit board (5) characterized in that

5 said shielding cage (8) is a die-cast shielding cage (8), said mounting tails (13;17;30) being integrated mounting tails (13;17) of said die-cast shielding cage (8).

2. Shielding cage (8) according to claim 1, wherein said mounting tails (13;17) are flexible mounting tails.

10 3. Shielding cage (8) according to claim 1 or 2, wherein said die-cast shielding cage (8) comprises a receiving structure (11) integrating said mounting tails (13).

4. Shielding cage according to claim 3, wherein said mounting tails (13) are sheet metal SMT tails.

15 5. Shielding cage (8) according to claim 1 or 2, wherein said mounting tails (17) are elongated integral die-cast tails.

6. Shielding cage (8) according to claim 5, wherein said elongated die-cast tails (17) are PIP-tails or wave solder
20 tails.

7. Shielding cage (8) according to any one of the preceding claims, wherein at least one of said walls (9) comprises an insertion stop structure (18).

25 8. Shielding cage (8) according to claim 7, wherein said insertion stop structure (18) is provided outside the region of said mounting tails (13;17).

9. Shielding cage (8) according to any one of the preceding claims, wherein a recess (21) surrounds at least one mounting tail (13;17).

30 10. Shielding cage (8) according to any one of the preceding claims, wherein at least one of said walls (9) comprises at least one positioning pillar (19).

11. Shielding cage (8) according to claim 1, wherein said shielding cage is made of a diecast material having a

11

thermal expansion coefficient substantially equal to the thermal expansion coefficient of the circuit board (5)

12. Shielding cage (8) according to claim 11, wherein said diecast material is brass.

5 13. Shielding cage (8) according to claim 11 or 12, wherein said shielding cage comprises a plurality of extensions (31) on one or more of said walls (9) projecting towards said circuit board (5) along a perimeter of said shielding cage.

10 14. Shielding cage (8) according to any one of the preceding claims, wherein said shielding cage (8) is adapted for covering a header (15) and comprises a structure (20) adapted for receiving attachment means of a cable connector (1) to be connected to said header (15).